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(54) Title: HUMAN MESENCHYMAL DNAs AND EXPRESSION PRODUCTS

(57) Abstract: A human mesenchymal stem cell (hMSC) cDNAs and putative polypeptides derived from Open Reading Frames contained therein are disclosed. Also disclosed are methods for utilizing the polynucleotides and polypeptides, including use as reagents for chromosomal mapping and identification, DNA fingerprinting and the possible role played by genetic mutations in the disease process, and for the generation of polyclonal and/or monoclonal antibodies specific for said polypeptides.

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